

REMARKS

In this Preliminary Amendment, claims 1-24 have been deleted, and claims 25-45 have been added. Claim 25 is a combination of claims 1 and 2. Claim 26 is taken from claim 1. Claim 32 is taken from claim 3. Claims 33, 36, 37, 38, 39, 41, 42, 43, 44, and 45 correspond to claims 4, 8, 9, 15, 16, 17, 18, 19, 20, and 23 respectively. Claim 40 corresponds to the unnumbered claim starting at page 59, line 4. Claim 27 finds support in the specification, as filed, at page 31, line 29 – page 32, line 2. Claims 28 and 29 find support in the specification, as filed, at page 32, lines 2-4. Claim 31 finds support in the specification at page 34, lines 17-27. Claims 34 and 35 find support in the specification at page 49, lines 5-8. Claim 46 finds support in the specification at page 44, line 22 – page 45, line 2. No new matter was added.

The paragraph beginning at page 22, line 19, was edited to correct a grammatical mistake.

The paragraph beginning at page 27, line 26, was edited to change “at least 10 nucleotides” to “at least 20 nucleotides.” Support for this change can be found at page 43, lines 25-30 and in original claim 1.


The paragraphs added at page 56, line 11, are those deleted beginning at page 42, line 13 and ending at page 43, line 15. These paragraphs have been relabeled as examples, and the verb tense of the paragraphs has been changed to reflect more accurately their status as “prophetic” examples. MPEP § 608.01(p)(II). Applicant, acting *pro se*, inadvertently filed these examples using a verb tense giving the impression that these examples were actually performed. Applicant had no intention of misleading the Patent Office as to the status of these examples and, as such, has herein changed the tense to reflect their actual status as prophetic examples. Applicant believes that no new matter has been introduced by making such changes, as the substance of the examples has not changed outside of verb tense and minor grammatical corrections.

Included in this mailing is the Sequence Listing in paper form and Computer Readable Format submitted in accordance with 37 C.F.R. §§ 1.821-1.825. Support for the Sequence Listing can be found on pages 8-22 of the original disclosure. No new matter was added. Please see the concurrently filed “Statement to Support

Filing and Submission in Accordance with 37 CFR §§ 1.821 through 1.825" for the required declarations.

In order to expedite disposition of this case, the Examiner is invited to contact Applicant's representative at the telephone number below to resolve any issues. Based on the claims filed herein (22 total claims; 8 independent claims), Applicant believes that the extra claim fee should be \$233.00. Because Applicant has already paid an extra claim fee of \$176.00, Applicant should have a total extra claim fee due of \$57.00. Please charge this fee to Deposit Account No. 501447 (Potter Anderson & Corroon LLP), as well as any additional fees or credit any over-payment.

Respectfully submitted,

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